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Documents Disclose Philip Morris Studied Nicotine's Effect on Body

By PHILIP J. HILTS and GLENN COLLINS

In 15 years of previously undisclosed research, the world's largest tobacco company studied nicotine and found that it affected the body, brain and behavior of smokers. That work is at odds with arguments by the company, Philip Morris, that nicotine should not be regulated under laws applying to drugs that affect the body.

About 2,000 pages of documents obtained by The New York Times show that the company's researchers used laboratory methods that are customarily employed in assessing drugs to study the effects of nicotine on smokers, and wrote about what they described as the "pharmacologic" effects of nicotine.

Although the company has asserted that it does not manipulate the levels of nicotine in its products, the documents also show that Philip Morris studied different levels of nicotine in cigarettes to find what was pleasing to smokers.

Charles R. Wall, a Philip Morris lawyer, said yesterday that he was familiar with the documents, acknowledging they showed that the company carried out extensive research on nicotine over many years and manipulated nicotine levels in test cigarettes. But he said the research was never used in creating products for the market.

But critics of tobacco companies say the studies described in the documents show that Philip Morris understood more completely than it had publicly acknowledged the effects of its products on smokers and had failed to disclose what it knew to customers or regulators.

The documents are coming to light as the Food and Drug Administration investigates whether nicotine should be regulated as a drug under the law. That would allow the Government to restrict the way cigarettes are made and sold. Federal law states that a substance must be regulated as a drug if the manufacturer intentionally uses it to "affect the structure or function of the body" of consumers.

The Philip Morris research on nicotine comes mostly from the company's research center in Richmond and is dated from 1966 to 1981. The documents were made available on the condition that the source not be identified other than as a person

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The Philip Morris files also con-tabled information on the Federal Government, "suttibution: "groups and tabaco researcher, even some whose work the tabaco companies had paid for. Among that informa-tion were internal documents from the Department of Goulfe, Educa-tion and Welther as well as from the American Cancer Society and the Methodal Association of Broadcast-National Association of Broadcast-

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